

This listing of claims will replace all prior versions, and listings, of claims in the application

LISTING OF CLAIMS

1-7. (previously cancelled).

- 5 8. (currently amended) A surface-active wave (SAW) filter of a reactance filter type, comprising:
- a first SAW resonator in a parallel branch of the filter that has a static capacitance;
- 10 a further first SAW resonator in a further parallel branch of the filter that has a static capacitance;
- a second SAW resonator in a serial branch of the filter that has a static capacitance;
- at least one basic element fashioned on a piezoelectric substrate, the basic element comprising the first SAW resonator and the second SAW resonator;
- 15 an electrical connection of ground sides of the first SAW resonator and of the further first SAW resonator (collectively, two first resonators), the electrical connection of the ground sides being connectable before bonding to a housing that contains the filter; and
- 20 a bump connection on a housing link of the two electrically connected ground sides of the two first resonators;
- wherein at least the static capacitance of the first SAW resonator and the static capacitance of the further first SAW resonator differ from one another; and
- 25 wherein at least one of the first SAW resonator and the further first SAW resonator is divided into two individual parallel resonators, and an

output side of one of the individual parallel resonators is electrically connected to the other of the first SAW resonator and the further first SAW resonator at the ground side.

- 5 9. (previously presented) The SAW filter according to claim 8, wherein the electrical connection comprises a stripline on the substrate.

10-12. (cancelled).

- 10 13. (previously presented) The SAW filter according to claim 8, wherein the filter is configured to be installed in a housing via a flip-chip technique.

14. (previously presented) The SAW filter according to claim 13, wherein the overall filter size of the total filter including housing and filter is smaller than
15 or equal to 2.5 x 2.0 mm².

15. (currently amended) A method for manufacturing a SAW filter of a reactance filter type, the SAW filter comprising:

20 a first SAW resonator in a parallel branch of the filter that has a static capacitance;

a further first SAW resonator in a further parallel branch of the filter that has a static capacitance;

a second SAW resonator in a serial branch of the filter that has a static capacitance;

25 at least one basic element fashioned on a piezoelectric substrate, the basic element comprising the first SAW resonator and the second SAW resonator;

an electrical connection of ground sides of the first SAW resonator and of the further first SAW resonator (collectively, two first resonators), the electrical connection of the ground sides being connectable before bonding to a housing that contains the filter,

5 the method comprising:

shifting a pole point in the SAW filter;

raising or lowering the a static capacitance of at least one of the a first SAW resonator and the a further first SAW resonator; and

10 raising or lowering a static capacitance of one or more further, non-coupled first resonators such that an overall sum of the static capacitances of all parallel resonators remains constant.

16. (previously presented) A method according to claim 15, further comprising:

15 raising or lowering the static capacitance of a second SAW resonator to a starting value; and,

raising or lowering, for compensation, a static capacitance of one or more further, second resonators lying in a serial branch between coupled first resonators such that an overall sum of the static capacitances of all series resonators remains constant.

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17. (previously presented) A method according to claim 15, further comprising:

25 dividing at least one of the first SAW resonator and the further first SAW resonator into two coupled resonators that are parallel to one another, each of the coupled resonators having static capacitance; and

setting a frequency position of a coupled pole point by varying a ratio of the static capacitance of the two coupled resonators.

18. (previously presented) A method according to claim 15, further
5 comprising:

varying a product of the static capacitances of the first SAW resonator and the further first SAW resonator in such a way that the static capacitance of the first resonator is raised by a same amount by which the static capacitance of the further first resonator is lowered,
10 so that a sum of the static capacitances remains constant.